

777 2007 710  
1600000000000000000

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

**Hoon HAN et al.**

Application No. To Be Assigned  
(National Phase of PCT/KR2004/002715)

Filed: May 11, 2006

For: **METHOD OF ISOLATING AND  
CULTURING MESENCHYMAL  
STEM CELL DERIVED FROM  
UMBILICAL CORED BLOOD**

Art Unit: To Be Assigned

Examiner: To Be Assigned

Atty. Docket No. 36470-231114

Customer No.

**26694**  
PATENT TRADEMARK OFFICE

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08A that were cited in an International Search Report (Form PCT/ISA/210 is enclosed) in connection with the counterpart International Application PCT/KR2004/002715. In addition, U.S. patents cited in the specification are also listed. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

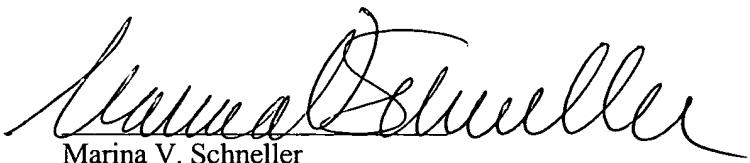
Hoon HAN *et al.*

Copies of the U.S. documents are not being provided since copies are furnished directly by WIPO under an exchange program between the PTO, the EPO and the JPO. However, references 4 and 5 are submitted herewith.

If the copies were not furnished and a copy of a cited document is desired, please inform the undersigned and a copy of the missing document will be supplied.

It is believed that no fee is due for the submission of this Information Disclosure Statement. However, if any additional fee is required, please charge any necessary fee or credit any overpayment in connection with this Information Disclosure Statement to Deposit Account No. 22-0261.

Respectfully submitted,



Marina V. Schneller  
Registration No. 26,032  
VENABLE LLP  
P.O. Box 34385  
Washington, D.C. 20043-9998  
Telephone: (202) 344-4000  
Telefax: (202) 344-8300

Date: May 11, 2006

DC2/DOCS1/749830v1

Please type a plus sign (+) inside this box →

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

Approved for use through 10/29/2012. GPO: 2007-083.

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**Substitute for form 1449A/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

of 1

Complete if Known	
Application Number	To Be Assigned 10/1570070
Filing Date	May 11, 2006
First Named Inventor	Hoon HAN et al.
Group Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket Number	36470-231114

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

#### **OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
	4	HOU, L. et al., "Induction of Umbilical Cord Blood Mesenchymal Stem Cells into Neuron-Like Cells in Vitro", International Journal of Hematology, October 2003, Vol. 78 (3), pp. 256-261.		
	5	ROONEY, P. & REES, A.A., "Blood Vessel & Mesenchymal Cells: Can They Make Better Bone?" European Cells and Materials, June 2003, Vol. 5, Suppl. 2, p.8		

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

DC2DOCS1/749833v1

# VENABLE